

RESUME

Nilanjan Bhowmik

(B.Tech - Mechanical Engg.)

(Total Exp. - 14+ yrs.)

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Professional Brief:

- A highly competent and dynamic **Mechanical Engineering (B.Tech)** professional and a Certified Lead Auditor for **IATF 16949, ISO 9001:2000, ISO 14001 and OHSAS 18001:2007 QMS**, with a successful career spanning total **14+ yrs** managing QA / QC functions with reputed automobile manufacturing companies in **Die Casting (PDC / GDC / LPDC)** .
- Currently associated with QMS (IATF 16949), ISO 14001& ISO 18001 certified **High Pressure die casting manufacturing** automobile company **Unicast Autotech Pvt. Ltd**, Narasapura, Bangalore ,Karnataka **(designing light alloy die-casting)** as a **Dy. Manager – QA**.
- Worked as a associated with **ISO/TS-16949-2002** certified **MNC** automobile company, **Enkei Cast alloy Ltd. (Alicon Castalloy Ltd.)** Gurgaon, Haryana **(designing Low Presser die-casting & Gravity die casting)** in the capacity of **Asst. Manager – QA**.
- **From Oct'12 to June'13** handled in “Bajaj motors” in Pune, Maharashtra location new development project in Bajaj—“Pulsar-DT” (390 CC) model.
- **From July'13 to August'15** handled another new development project in “Honda—2 wheeler” in Bangalore, Karnataka location.
- **From September'15 to June'16** handled REML, RENAULT–NISSAN, and ALSTOM in Chennai location.
- **From July'16 to till date** handled overall activities & different Customer also from (Plant) Pune location.

Core Competencies:

- Quality Assurance and Control
- TQM Methodologies
- Internal Process & Product Audits
- Lead auditor of IATF 16949, ISO 14001 & ISO 18001
- ISO 9001:2000, ISO 14001 and OHSAS 18001:2007 QMS Implementation
- Process Improvements
- QMS Compliance
- New development project

- Cross Functional Coordination
- Customer Handling
- **HPDC , LPDC , GDC** all in process have in-depth knowledge

Education

- ✓ **MBA (Operations)**, MDU University, Rohtak (Haryana), 2013.
- ✓ **B. Tech. (Mechanical Engg)**, U.P. Technical University, Lucknow, 2005
- ✓ **Diploma in Mech. Engineering**, W.B. Govt. Poly., 1999
- ✓ **Diploma in “Total Quality Management & ISO 9000”, National Institute of Labor Education & Management**, Chennai
- ✓ **Internal Auditor certification for ISO/TS 16949:2009** from “Saiglobal Ltd”, Delhi and for “**OHSAS 18001:2007**” from CII (Confederation of Indian Industry).

Profile Synopsis

- ✓ Adept at designing and implementing quality control systems and procedures to minimize rejections, achieve highest quality standards and ensure adherence to ISO standards
- ✓ Experienced in conducting System audits ascertaining all functions are performing their routines as per the company norms.
- ✓ Recognized as a hands-on, proactive professional who can rapidly identify problems, formulate tactical plans, initiate change and implement effective programs in challenging and diverse environments.
- ✓ Highly motivated, positive, committed and goal-oriented, with a high level of flexibility and resourcefulness.

IT Skills: MS Windows ~ MS Office ~ AutoCAD-2004 ~ Q.DAS & QS-STAT –quality management tool for the analysis of single values and ideal enhancement when using CMM.

Key Functional Areas

Quality Assurance

- ✓ Developing quality systems by streamlining system procedures, practices and approach, and formulating SOPs and controls for acquiring and maintaining **IATF 16949, ISO 14001 & ISO 18001** standards.
- ✓ Designing and modifying the various processes to include quality control and testing in the production cycle.
- ✓ Ensuring implementation of quality systems across various functional departments like procurement, inventory, production and packaging.
- ✓ Working with cross functional teams like R&D, manufacturing and Industrial engineering to eliminate roadblocks and communication barriers that may effect quality requirements.
- ✓ Conducting regular Internal audits, root cause analysis, troubleshooting and reviews to ensure adherence to highest standards.
- ✓ Training and guiding teams towards identifying factors critical to quality, reducing process variation, improving capabilities & increasing stability

QMS Implementation & Compliance

- ✓ Developing & implementing policies, guideline s& procedures, manuals to establish /maintain high quality standards in compliance with statutory norms for ISO certifications.
- ✓ Conducted GAP analysis between old and new ISO standards and modify QMS manuals in accordance to the new standards.
- ✓ Conducting regular internal audits and reviews at supplier location to ensure adherence to pre-set norms; ensure conformance across all functions and processes.
- ✓ Liaison with certification bodies during certification and surveillance audits.
- ✓ Focussing on optimisation of process parameters; initiating process improvements for achieving productivity targets.

Career Summary

🚦 **Dy. Manager – QA, March 2017 to @ Present**

Unicast Auto Tech (Pvt.) Ltd, Bangalore, Karnataka

IATF 16949, ISO 14001 & ISO 18001 certified company engaged in manufacture of High pressure die casting (HPDC) precision different types of Auto components for 2/4 wheelers components like - Hubs, Crank cases, Grip and Engine cover components to Honda Motor Cycle & Scooter, Reno Nissan and Royal Enfield & Non-auto

components parts manufacturing in the world with a sale more than per months from its plants across the global like –light parts (body cover & frame) in GDS (ITLY).

Significant Contributions

- ✓ Managing all quality related functions **in-house process quality & final quality and ensuring resolution of customer complaints and achieving reduction in rejections.**
- ✓ Active member of **CFT** and facilitator of all QC activities.
- ✓ Handling according the planning, execution and monitoring as well as maintaining a healthy relationship with the customers.
- ✓ Ensuring improvement in productivity through rejection analysis.
- ✓ Developed the Special Type Gauges for the above.
- ✓ Conducting as per schedule regular Internal (process and product) Quality Audits.
- ✓ Man agent review meeting
- ✓ Daily production & rejection report, Final inspection report verification
- ✓ Record review of First off reports, Last off reports & process parameter verification
- ✓ Analysis for rejection using quality tools such as Pareto charts, cause and effect diagram.
- ✓ Review of inward Quality reports
- ✓ Verification of customer complaints.
- ✓ Plant Line visit - for System Review (Process Plan & Quality Plan) and In-process Inspection Review
- ✓ Visit to customer if required (Customer end report)
- ✓ Casting rejection review meeting at PDC
- ✓ Process & Product audit verification as per plan
- ✓ PDIR verification (DWM audit)
- ✓ Verification of customer return & in-house rejection analysis (Defect mapping)
- ✓ Actual inspection review against plan in all area of plant
- ✓ NPD parts follow up with team

✚ **Asst. Manager – QA, Jan 2009 – March 2017**

Enkei (India) Castalloy Ltd. (Alicon Casting Ltd.) Gurgaon & Pune -- Haryana & Maharashtra

*A certified **MNC** company engaged in manufacturing different types of precision Auto components i.e. **Cyl. Head for 2/4 wheelers, different HSG , Manifold ,Arjun Tank wheel, Turbine wheel, Avtech Fly Wheel, Tractor Cover, Pump cover etc..** which is the second largest manufacturer of alloy wheels in the world with a sale more than a million wheels per months from its plants across the global like Hero Honda, Honda Motorcycle, Maruti, Tata Motors, Yamaha, Sonalika, Suzuki Motorcycle, LML, Sona Koyo etc. (**“ENKEI GROUP” (JAPAN)** of Industries was originally setup to design **Low Pressure die-casting (LPDC) & Gravity die casting (GDC)** over the years it expanded & grew to meet challenging requirements of world Automotive Industries.)*

Significant Contributions

- ✓ Managing all quality related functions of **Standard Room; in process quality**, final quality and ensuring resolution of customer complaints and achieving reduction in rejections.
- ✓ Handle different functions **in-house process quality** (LPDC & GDC)
- ✓ Active member of **CFT** and facilitator of all QC activities.
- ✓ Handling the planning, execution and monitoring as well as maintaining a healthy relationship with the customers.
- ✓ Ensuring improvement in productivity through rejection analysis.
- ✓ Developed the Special Type Gauges for the above.
- ✓ Conducting regular Internal (process and product) Quality Audits.
- ✓ Involve in **“NPD”** (new development part) project.
- ✓ Study for **SPC & MSA**.
- ✓ Provided on job training to improve Operator safety and eliminated accidents & maintain 5S concept in shop floor.

✚ **Engineer – Quality Assurance (Std. Room), Feb 2006 – Dec 2008**

Sunbeam Auto Ltd, Gurgaon, Harayana

It is an ISO/TS-16949-2002 certified company, and has been promoted by “Hero Group” of Industries. It was initially setup to in design light alloy die-casting required by sister unit “Hero Honda Motors Ltd.” Over the years it has grown to meet challenging requirements of Indian Automotive Companies. Company has been

promoted by "HERO GROUP" of Industries. (Originally setup to design **light & high pressure alloy die-casting** required by sister unit "HERO HONDA MOTORS LTD.", over the years it expanded and grew to meet challenging requirements of Indian Auto motive Industries)

Significant Contributions

- ✓ Managed QA activities of Standard Room, Process inspection & Final inspection.
- ✓ Conducted study for SPC & MSA.
- ✓ Handled operation of 3-D CMM.
- ✓ Involved in sample development activities, dies & diff. tools, jigs & fixtures, checking gauges, critical BOP etc.
- ✓ Handle in new development components

Jr. Engineer – QA, Jun 2005 – Jan 2006

Goindi Industries Pvt. Ltd. Ghaziabad (UP)

Manufacturer of precision Auto component i.e. Camshaft and Box type component for automobiles and OEM'S Like M/s Hindustan Motors, M/s Royal Enfield Motors, M/s Kinetic Engg. Ltd., General Electric Motors Ltd, M/s Birla Yamaha Ltd., M/s Eicher Tractors Ltd., M/s Swaraj Engines Ltd., M/s International Tractors Ltd., M/s LG Electronics Ltd., M/s Graziano Ltd. M/s Piaggio Italy & M/s Trelleborg U.K.(Company has been promoted by **M/s PARISHUDH GROUP** is a renowned manufacturer of high precision CNC Turning and Grinding machines.

Apprentice Trainee, Aug 1999 – Jul 2001

International Auto Ltd., Jamshedpur

Achievements

Handled **CMM** (Brown & Sharpe/USA, Contura, Prisimo/Garmeny, Eclipse, Mitutoyo), **Roundness -Tester** (Perthen), **Contracer** (Mitutoyo), **Roughness Tester** (Mitutoyo), **Spectrometer**, **Camprofile Measuring m/c** (Parishudh), **Profile projector**, **Hardness Tester** etc.

Project Training

- ✓ Industrial Training in "Indian Oil Corporation Ltd."(**IOC**) Haldia, W.B. project, Sep / Oct 1998
- ✓ Industrial Training also in 'Bharat Heavy Electricals Ltd.' (**BHEL**) Hardwar, regarding manufacturing process of electrical machine, Aug/ Sep 2002
- ✓ Industrial Training also in "Steel Authority Of India Ltd."(**DSP**) Durgapur, W.B. regarding manufacturing process of steel trough different steps used in various machines, July/ Aug 2003.

Training Undergone

- ✓ Kaizen, 5S, Poke-yoke, Six Sigma, PDCA, TQM, TPM, 7-QC Tools, 8-D tech. etc.

Other Activities

- ✓ Subordinate Motivation & Training about handling of measuring equipments.
- ✓ New components development & documentation as per **ISO 9001- 2000** (i.e. Process flow chart, process sheets, quality plans & control plans)
- ✓ Mapping, defining, analyzing processes as well as developing guidelines to implement and maintain **IATF 16949, ISO 14001 & ISO 18001**
- ✓ System coordinator for certification of **ISO/TS -16949-2002**
- ✓ Provided training to improved Operator safety and eliminated accidents & maintain 5S concept in shop floor

Personal Details

- ✓ Fluent in English, Hindi, Bengali
- ✓ Location Preference: any location in India.
- ✓ Current Salary – 11 Lakhs per annum
- ✓ Expected Salary – Negotiable